

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------|------------------|---------|------------------|
| L2 | 2 | "370".clas. and(uniqu\$5 singl\$5 individual\$6) with (local\$7) with (mac)near3 address\$3 same (multiple several many) near4 (node port domain) | US-PGPUB; USPAT | OR | ON | 2007/08/10 13:46 |
| L3 | 2 | (uniqu\$5 singl\$5 individual\$6) with (local\$7) with (mac)near3 address\$3 same (multiple several many) near4 (node port domain) | US-PGPUB; USPAT | OR | ON | 2007/08/10 13:47 |
| L4 | 6 | (uniqu\$5 singl\$5 individual\$6) with (local\$7) with (mac)near3 address\$3 same (multiple several many) with (node port domain) | US-PGPUB; USPAT | OR | ON | 2007/08/10 14:12 |
| L5 | 1 | ("7190695").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/10 13:55 |
| L6 | 0 | ("2005/0027881").URPN. | USPAT | OR | ON | 2007/08/10 14:05 |
| L7 | 1 | ("6556574").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/10 14:06 |
| L8 | 87 | (uniqu\$5 singl\$5 individual\$6) with (local\$7) with (mac)near3 address\$3 and (multiple several many) with (node port domain) | US-PGPUB; USPAT | OR | ON | 2007/08/10 14:13 |
| L9 | 39 | (uniqu\$5 singl\$5 individual\$6) with (local\$7) near8 (mac)near3 address\$3 and (multiple several many) with (node port domain) | US-PGPUB; USPAT | OR | ON | 2007/08/10 15:12 |
| L10 | 1 | "20030039260" | US-PGPUB; USPAT | OR | ON | 2007/08/10 15:13 |
| S1 | 0 | ("(mapp\$3)with(virtual)with(interface MACNIC)and@ad<20030121").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/02 14:32 |
| S2 | 405 | (mapp\$3)with(virtual) with(interface MAC NIC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 14:34 |
| S3 | 137 | "370".clas. and (mapp\$3)with(virtual) with(interface MAC NIC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 14:50 |
| S4 | 35 | "370".clas. and (mapp\$3 with virtual with MAC) same ((real physical) wit MAC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 14:53 |
| S5 | 1 | "370".clas. and (mapp\$3 with virtual with MAC) same ((real physical) near6 MAC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 14:54 |

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| S6 | 1 | 10/756969 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/02 14:55 |
| S7 | 3 | ("2004/0141468").URPN. | USPAT | OR | ON | 2007/07/02 14:55 |
| S8 | 112 | ("20020010750" "20020042693" "20020049845" "20020055978" "20020059392" "20020065872" "20020103943" "20020116460" "20020126680" "20020156612" "20020188657" "20020188711" "20020194428" "20030005068" "20030014462" "20030018813" "20030018927" "20030058870" "20030084209" "20030097607" "20030182455" "20030208579" "20030210686" "20040024778" "20040064553" "20040141468" "20040233910" "20050055418" "20050063313" "20050268151" "4495617" "5390326" "5461608" "5473599" "5535395" "5544077" "5579491" "5600828" "5666486" "5732206" "5812821" "5870571" "5909544" "5951683" "5991813" "5996024" "5996027" "6006259" "6009476" "6018765" "6041381" "6078957" "6108300" "6108699" "6131119" "6134673" "6145019" "6163855" "6178445" "6185620" "6195687" "6195760" "6209023" "6219771" "6268924" "6269396" "6314526" "6343320" "6363416" "6378025" "6393583" "6400730" "6449652" "6470382" "6470397" "6473803" "6480901" "6484245" "6574755" "6591310" "6597956" "6640278" "6654830" "6658459" "6678721" "6683883" "6691244" "6697924" "6701449" "6718361" "6721907" "6724757" "6748550" "6757291" "6760783" "6763195" "6763419" "6771663" "6771673" "6799316" "6807581" "6823418" "6839752" "6856591" "6859462" "6877044" "6886171" "6895461" "6920491" "6938092" "6944785" "7043727").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/02 15:02 |

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|-----|---------|---|-----------------|----|----|------------------|
| S9 | 31 | virtual\$4 with (MAC near3 address)with (mapp\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:05 |
| S10 | 21 | virtual\$4 near7 (MAC near3 address)near7(mapp\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 11:45 |
| S11 | 0 | S10 not S9 | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:06 |
| S12 | 4105060 | (virtual\$4 near7 MAC)same (MAC near4 domain) with (local\$5 near4 address) with (user near6 (identification identify\$4)) @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:18 |
| S13 | 0 | (virtual\$4 near7 MAC)same (MAC near4 domain) with (local\$5 near4 address)-with (user near6 (identification identify\$4)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:18 |
| S14 | 5065 | (virtual\$4 near7 MAC)same (MAC near4 domain) sme (local\$5 near4 address)same (user near6 (identification identify\$4)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:19 |
| S15 | 0 | (virtual\$4 near7 MAC)same (MAC near4 domain) same (local\$5 near4 address)same (user near6 (identification identify\$4)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:19 |
| S16 | 560 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:25 |
| S17 | 0 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same (virtual\$3 near4 MAC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:38 |
| S18 | 0 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same (logic\$5 near4 MAC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:21 |
| S19 | 24 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same (MAC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 17:32 |
| S20 | 150 | (MAC) with (mapp\$3) with (function) | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:29 |
| S21 | 759 | (MAC) near4 address near5 mapp\$3 | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:29 |
| S22 | 427 | (MAC) near4 address near5 mapp\$3 and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:30 |
| S23 | 263 | "370".clas. and (MAC) near4 address near5 mapp\$3 and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:30 |

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| S24 | 3 | "370".clas. and ((MAC) near4 address near5 mapp\$3) same (PVC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:32 |
| S25 | 67 | (virtual logical) with MAC with configuration and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:35 |
| S26 | 158 | unique with local\$4 with MAC | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:37 |
| S27 | 4 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same (address near7 domain)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:39 |
| S28 | 0 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same ((logical virtual) near7 MAC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:40 |
| S29 | 11 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same ((logical virtual) near7 MAC(media near3 access near4 control))and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:42 |
| S30 | 20 | (MAC (media near4 access near4 control))same ((first same second same third same fourth)with (portion part)) | US-PGPUB; USPAT | OR | ON | 2007/08/09 15:46 |
| S31 | 88 | manag\$4 with local with (MAC (media near2 access near3 control)) | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:04 |
| S32 | 24 | manag\$4 near7 local near7(MAC (media near2 access near3 control)) | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:05 |
| S33 | 154 | (partition\$4 divid\$3) near7 (local logical) near7 (MAC (media near3 access near3 control)) | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:06 |
| S34 | 110 | (partition\$4 divid\$3) near7 (local logical) near7 (MAC (media near3 access near3 control))and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:13 |
| S35 | 1 | "20070133542" | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:13 |
| S36 | 0 | ("2007/0133542").URPN. | USPAT | OR | ON | 2007/07/02 16:15 |
| S37 | 8 | (portion part) same ((indicat\$3 show\$3) with (MAC near3 address)) same (domain local) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:18 |
| S38 | 28 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) and (local with MAC) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:26 |

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|-----|-----|--|--|----|----|------------------|
| S39 | 4 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) and (map\$4 with MAC) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:52 |
| S40 | 1 | "20040141468" | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:53 |
| S41 | 3 | ("2004/0141468").URPN. | USPAT | OR | ON | 2007/07/02 17:00 |
| S42 | 29 | (universal\$4 with local\$4) with (MAC (media near4 access near4 control)) with address | US-PGPUB; USPAT | OR | ON | 2007/07/02 17:01 |
| S43 | 0 | ("2006/0072584").URPN. | USPAT | OR | ON | 2007/07/02 17:09 |
| S44 | 0 | ("2006/0072584").URPN. | USPAT | OR | ON | 2007/07/02 17:11 |
| S45 | 0 | "20050135625" | USPAT | OR | ON | 2007/07/02 17:11 |
| S46 | 1 | "20050135625" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/02 17:11 |
| S47 | 0 | ("2005/0135625").URPN. | USPAT | OR | ON | 2007/07/02 17:11 |
| S48 | 0 | "2004200812" | US-PGPUB; USPAT | OR | ON | 2007/07/02 17:12 |
| S49 | 1 | "2004200812" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/07/02 17:12 |
| S50 | 0 | ("2003/0039260").URPN. | USPAT | OR | ON | 2007/07/02 17:18 |
| S51 | 3 | (MAC (media near3 access near3 control)) with (first second third fourth) with (octet) with (local\$4) | USPAT | OR | ON | 2007/07/02 17:19 |
| S52 | 0 | (MAC (media near3 access near3 control)) same first same second same third same fourth same (octet) same (local\$4) | USPAT | OR | ON | 2007/07/02 17:20 |
| S53 | 0 | (MAC (media near3 access near3 control)) same (first and second and third and fourth) same (octet) same (local\$4) | USPAT | OR | ON | 2007/07/02 17:20 |
| S54 | 0 | (MAC (media near3 access near3 control)) same (first and second and third and fourth and octet) same (local\$4) | USPAT | OR | ON | 2007/07/02 17:21 |
| S55 | 159 | ((MAC (media near3 access near3 control)) same local\$4) and first and second and third and fourth and octet | USPAT | OR | ON | 2007/07/02 17:21 |

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|-----|------|---|------------------------|----|----|------------------|
| S56 | 151 | ((MAC (media near3 access near3 control)) same local\$4) and first and second and third and fourth and octet and @ad<"20030121" | USPAT | OR | ON | 2007/07/02 17:22 |
| S57 | 116 | "370".clas. and ((MAC (media near3 access near3 control)) same local\$4) and first and second and third and fourth and octet and @ad<"20030121" | USPAT | OR | ON | 2007/07/02 17:23 |
| S58 | 13 | "370".clas. and ((MAC (media near3 access near3 control)) same local\$4 same octet) and @ad<"20030121" | USPAT | OR | ON | 2007/07/02 17:26 |
| S59 | 22 | ((MAC (media near3 access near3 control)) same local\$4) same (PVC (permanent near4 virtual near4 circuit)) and @ad<"20030121" | USPAT | OR | ON | 2007/07/02 17:26 |
| S60 | 24 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same (MAC (media near3 access near3 control) with local\$4 with map\$4)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 17:35 |
| S61 | 0 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same ((MAC (media near3 access near3 control)) with local\$4 with map\$4)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 17:35 |
| S62 | 1073 | ((MAC near3 address)(media near3 access near3 control)) with (configuration OUI domain vendor) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 08:11 |
| S63 | 500 | "370".clas. and ((MAC near3 address)(media near3 access near3 control)) with (configuration OUI domain vendor) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 08:13 |
| S64 | 761 | "370".clas. and ((MAC near3 address)(media near3 access near3 control)) with (map\$5 correspond\$5) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 08:26 |
| S65 | 19 | "370".clas. and (((MAC near3 address)(media near3 access near3 control)) with (clon\$3 spoof\$3 map\$4)).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 08:42 |
| S66 | 2 | ("5590285" "6101616").PN. OR ("7152119").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/03 08:38 |

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| S67 | 0 | "370".clas. and (((MAC near3 address)(media near3 access near3 control)) with (MSB with domain)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 08:43 |
| S68 | 0 | "370".clas. and (((MAC near3 address)(media near3 access near3 control)) same(MSB with domain)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 09:43 |
| S69 | 14 | "370".clas. and (((MAC near3 address)(media near3 access near3 control)) same(first near3 octet)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 09:52 |
| S70 | 3 | "370".clas. and (((MAC near3 address)(media near3 access near3 control)) same((domain group) near3 octet)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 09:53 |
| S71 | 3 | "370".clas. and (((MAC near3 address)(media near3 access near3 control)) same((domain group) with first with octet)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 09:53 |
| S72 | 4 | (((MAC near3 address)(media near3 access near3 control)) same((domain group) with first with octet)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 09:55 |
| S73 | 19 | (((MAC near3 address)(media near3 access near3 control)) same(address with first with octet)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:00 |
| S74 | 7 | ((MAC near3 address)(media near3 access near3 control)) and (first near4 octet)and (second near4 octet)and (third near4 octet)and (fourth near4 octet) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:10 |
| S75 | 0 | ((MAC near3 address)(media near3 access near3 control)) and (MAC with first near4 octet)and (MAC with second near4 octet)and (MAC with third near4 octet)and (MAC with fourth near4 octet) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:11 |
| S76 | 0 | (MAC with first near4 octet)and (MAC with second near4 octet)and (MAC with third near4 octet)and (MAC with fourth near4 octet) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:44 |
| S77 | 8 | (virtual near7 address) with (spoof\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:46 |

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| S78 | 4 | (virtual\$4 with (MAc (media near4 access near4 control)) with map\$4).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:56 |
| S79 | 5 | ("2003/0069993").URPN. | USPAT | OR | ON | 2007/07/03 10:53 |
| S80 | 45886 | (map\$4 with virtual\$4 with mac with address with mac address).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:57 |
| S81 | 4 | (map\$4 with virtual\$4 with mac with address with mac with address).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:57 |
| S82 | 44 | ("4823338" "4975906" "5214646" "5280476" "5280481" "5315582" "5321693" "5321694" "5329527" "5329619" "5345558" "5390184" "5394402" "5408469" "5444702" "5483536" "5519704" "5548646" "5548723" "5550816" "5550818" "5566014" "5583865" "5600644" "5633869" "5659542" "5666487").PN. OR ("6188691").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/03 10:59 |
| S83 | 0 | ("2003/0039260").URPN. | USPAT | OR | ON | 2007/07/03 10:59 |
| S84 | 0 | ("7200610").URPN. | USPAT | OR | ON | 2007/07/03 10:59 |

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|-----|-----|--|------------------------------|----|----|------------------|
| S85 | 112 | ("20020010750" "20020042693" "20020049845" "20020055978" "20020059392" "20020065872" "20020103943" "20020116460" "20020126680" "20020156612" "20020188657" "20020188711" "20020194428" "20030005068" "20030014462" "20030018813" "20030018927" "20030058870" "20030084209" "20030097607" "20030182455" "20030208579" "20030210686" "20040024778" "20040064553" "20040141468" "20040233910" "20050055418" "20050063313" "20050268151" "4495617" "5390326" "5461608" "5473599" "5535395" "5544077" "5579491" "5600828" "5666486" "5732206" "5812821" "5870571" "5909544" "5951683" "5991813" "5996024" "5996027" "6006259" "6009476" "6018765" "6041381" "6078957" "6108300" "6108699" "6131119" "6134673" "6145019" "6163855" "6178445" "6185620" "6195687" "6195760" "6209023" "6219771" "6268924" "6269396" "6314526" "6343320" "6363416" "6378025" "6393583" "6400730" "6449652" "6470382" "6470397" "6473803" "6480901" "6484245" "6574755" "6591310" "6597956" "6640278" "6654830" "6658459" "6678721" "6683883" "6691244" "6697924" "6701449" "6718361" "6721907" "6724757" "6748550" "6757291" "6760783" "6763195" "6763419" "6771663" "6771673" "6799316" "6807581" "6823418" "6839752" "6856591" "6859462" "6877044" "6886171" "6895461" "6920491" "6938092" "6944785" "7043727").PN. OR ("7200610").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/03 10:59 |
| S86 | 5 | (map\$4 with virtual with mac with address).ab. | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:01 |
| S87 | 2 | (virtual with mac with address) and (first with octet) and (second with octet) and (third with octet) | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:04 |

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| S88 | 18 | (local\$3 with administ\$7) same (virtual with mac with address) | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:12 |
| S89 | 0 | mac with addres with structure | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:13 |
| S90 | 497 | mac with address with structure | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:13 |
| S91 | 244 | mac with address with structure and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:14 |
| S92 | 10 | (method with map\$4 with mac with address).ab. | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:17 |
| S93 | 0 | utilizing a first portion of the virtual MAC address to define a domain for the address utilizing a second portion of the virtual MAC address to indicate that the address is a locally administered address utilizing a third portion of the virtual MAC address to indicate a unit-specific use and utilizing a fourth portion of the virtual MAC address to indicate an organizationally assigned unit-unique MAC address | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/07/03 11:19 |
| S94 | 0 | utilizing a first portion of the virtual MAC address to define a domain for the address utilizing a second portion of the virtual MAC address to indicate that the address is a locally administered address utilizing a third portion of the virtual MAC address to indicate a unit-specific use and utilizing a fourth portion of the virtual MAC address to indicate an organizationally assigned unit-unique MAC address | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/07/03 11:19 |
| S95 | 0 | utilizing a first portion of the virtual MAC address to define a domain for the address | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/07/03 11:21 |
| S96 | 1 | (mac near3 address) with (indicat\$3) with (local\$4) with (organization\$4) | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:22 |
| S97 | 1 | (mac near3 address) with (local\$4) with (organization\$4)with (unit\$specific) | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:23 |

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|------|------|---|--|----|----|------------------|
| S98 | 4 | (mac near3 address) with (local\$4) with (organization\$4) | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:29 |
| S99 | 12 | MAPP\$3 with MAC with ADDRESS with LOCAL\$4 with VIRTUAL with ADDRESS | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/03 11:49 |
| S100 | 175 | (MAPP\$3 CONVERT\$3) with ip with mac with address with arp | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/03 11:55 |
| S101 | 186 | (MAPP\$3 CONVERT\$3 creat\$3) with (virtual\$3) with mac with address | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/03 11:56 |
| S102 | 186 | (MAPP\$3 CONVERT\$3 creat\$3) with (virtual\$3) with mac with address | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/03 11:59 |
| S103 | 122 | 370/395.54.ccis. | US-PGPUB; USPAT | OR | ON | 2007/07/03 12:15 |
| S104 | 2 | (virtual\$4) with (increas\$3) with (mac) with address and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 12:18 |
| S105 | 216 | virtual\$3 near4 (mac near4 address)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:12 |
| S106 | 1322 | (virtual\$3 near4 address).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:13 |
| S107 | 21 | (virtual\$3 near4 mac near3 address).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:15 |
| S108 | 1 | (virtual\$3 near3 address)with (prevent\$3 avoid\$3) with (spoof\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:17 |
| S109 | 1 | (virtual\$3 near3 address)with (prevent\$3 avoid\$3)same (spoof\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:17 |
| S110 | 3 | bit near4 (pseudo\$mac (pseudo near3 mac)) near3 address | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:28 |

EAST Search History

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|----------|-----|---|--------------------|----|-----|------------------|
| S11 1 | 0 | (pseudo\$address (pseudo near3 address)) same (four near4 octet) same (loca\$5) | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:29 |
| S11 2 | 2 | (pseudo\$address (pseudo near3 address)) same (four near4 octet) | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:30 |
| S11 3 | 5 | (pseudo\$address ((virtual pseudo) near3 address)) same (four near4 octet) | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:32 |
| S11 4 | 1 | (pseudo\$address ((virtual pseudo) near3 address)) same mac same(four near4 octet) | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:36 |
| S11 5 | 1 | ("6505255").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/03 13:40 |
| S11 6 | 68 | original same virtual same (mac near3 address) | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:42 |
| S11 7 | 37 | original same virtual same (mac near3 address) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:47 |
| S11 8 | 0 | (mapp\$3) with (virtual\$3) with(mac near4 address) with (four near4 octet) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:48 |
| S11 9 | 0 | (mapp\$3) with (virtual\$3) with(address) with (four near4 octet) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:48 |
| S12 0 | 130 | (mac near4 address) with (six near4 (octet byte)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:59 |
| S12 1 | 2 | (mac near4 address) with (six near4 (octet byte)with local) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:59 |
| S12 2 | 30 | (administreated administra\$5) with local\$4 with (mac near4 address) | US-PGPUB; USPAT | OR | ON | 2007/07/03 14:06 |
| S12 3 | 2 | (mac near4 address)with (us\$3 utiliz\$3) with (MSB) | US-PGPUB; USPAT | OR | ON | 2007/07/03 14:21 |
| S12 4 | 0 | ("2005/0174998").URPN. | USPAT | OR | ON | 2007/07/03 14:08 |
| S12 5 | 59 | (local\$4)with (administered administer\$4)with (mac near4 address) | US-PGPUB; USPAT | OR | ON | 2007/07/03 14:22 |
| S12 6 | 32 | (local\$4)with (administered administer\$4)with (mac near4 address)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 14:28 |

EAST Search History

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|----------|-----|--|------------------------------|----|----|------------------|
| S12 7 | 0 | (virtual\$4 near4 address) same ((indicat\$3 identify\$3 correspond\$3)with (domain group node block)) same (local\$4 with administer\$3)same (vendor manufacturer company) | US-PGPUB; USPAT | OR | ON | 2007/07/03 14:32 |
| S12 8 | 11 | (virtual\$4 near4 address) same ((indicat\$3 identify\$3 correspond\$3)with (domain group node block)) and (local\$4 with administer\$3)and (vendor manufacturer company) | US-PGPUB; USPAT | OR | ON | 2007/07/03 14:33 |
| S12 9 | 8 | (virtual\$4 near4 address) same ((indicat\$3 identify\$3 correspond\$3)with (domain group node block)) and (local\$4 with administer\$3)and (vendor manufacturer company)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 16:29 |
| S13 0 | 5 | ("6971044").URPN. | USPAT | OR | ON | 2007/07/03 14:36 |
| S13 1 | 135 | (us\$3 utiliz\$3 manipulat\$3) with (mac near4 address) same(local\$4 unicast) same (identif\$4 defin\$3 separat\$3 divid\$3) same (node domain station) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 16:43 |
| S13 2 | 7 | (us\$3 utiliz\$3 manipulat\$3) with (mac near4 address) same(local\$4 unicast) same (first near4 (octet bits)) same (node domain station) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 16:46 |
| S13 3 | 8 | (us\$3 utiliz\$3 manipulat\$3) with (mac near4 address) with(first near4 (octet bits)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 16:46 |
| S13 4 | 28 | ("4677611" "5070498" "5280475" "5390164" "5394389" "5396493" "5515363" "5537411" "5557611" "5583849" "5612959" "5636215" "5673262" "5684800" "5754528" "5774662" "5805820" "5838663" "5852606" "5892912" "5912891" "5978356").PN. OR ("6216166").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/03 17:08 |

EAST Search History

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|----------|---|--|--------------------|----|----|------------------|
| S13 5 | 0 | 370/397,399,409,395.54.ccls. and (map\$5 adapt\$4 corola\$7 corrola\$5 adjust\$4) with (virtual near3 address\$3) same (domain) same (loca\$5) and (manag\$7 administrat\$5) with (local\$4) with (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:14 |
| S13 6 | 0 | 370/397,399,409,395.54.ccls. and (map\$5 adapt\$4 corola\$7 corrola\$5 adjust\$4) same(virtual near3 address\$3) same (domain) same (loca\$5) and (manag\$7 administrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:15 |
| S13 7 | 0 | (map\$5 adapt\$4 corola\$7 corrola\$5 adjust\$4) same(virtual near3 address\$3) same (domain) same (loca\$5) and (manag\$7 administrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:14 |
| S13 8 | 1 | 370/397,399,409,395.54.ccls. and (map\$5 adapt\$4 corola\$7 corrola\$5 adjust\$4) same(virtual near3 address\$3) and (manag\$7 administrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:15 |
| S13 9 | 0 | 370/397,399,409,395.54.ccls. and (map\$5 adapt\$4 corola\$7 corrola\$5 adjust\$4) same((virtual logical)near3 address\$3) same (domain) same (loca\$5) and (manag\$7 administrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 13:58 |
| S14 0 | 0 | 370/397,399,409,395.54.ccls. and ((virtual logical)near3 address\$3) same (domain) same (loca\$5) and (manag\$7 administrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:16 |
| S14 1 | 3 | 370/397,399,409,395.54.ccls. and (map\$5 adapt\$4 corola\$7 corrola\$5 adjust\$4) same((virtual logical)near3 address\$3) and (manag\$7 administrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:35 |

EAST Search History

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|----------|-----|---|--------------------|----|----|------------------|
| S14 2 | 7 | 370/397,399,409,395.54.ccls. and (logic\$6 virtual\$5) with (MAC media near3 access near3 control) and (manag\$7 admistrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:23 |
| S14 3 | 18 | 370/397,399,409,395.54.ccls. and (map\$6 creat\$5 correlat\$5) with (logic\$6 virtual\$5) with (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:32 |
| S14 4 | 2 | 370/397,399,409,395.54.ccls. and (map\$6 creat\$5 correlat\$5) with (logic\$6 virtual\$5) with (address\$3) same (four fourth) with (portion slot entry section) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:34 |
| S14 5 | 308 | (map\$6 creat\$5 correlat\$5) with (logic\$6 virtual\$5) with (address\$3) and (manag\$7 admistrat\$5) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:35 |
| S14 6 | 49 | (map\$6 creat\$5 correlat\$5) with (logic\$6 virtual\$5) with (address\$3) and (manag\$7 admistrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:53 |
| S14 7 | 17 | (simulat\$5) with (MAC media near3 access near3 control) with address\$3 and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:58 |
| S14 8 | 0 | ("2003/0167338").URPN. | USPAT | OR | ON | 2007/08/08 11:55 |
| S14 9 | 121 | ((simulat\$5 creat\$3) with (virtual logical) with address\$3).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 13:58 |
| S15 0 | 1 | 370/397,399,409,395.54.ccls. and (OUI organiza\$10 near4 unique near3 identifi\$4) same (logical virtual) with (address\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:05 |
| S15 1 | 0 | 370/397,399,409,395.54.ccls. and (mac media near3 access near4 control) with (includ\$3 indicat\$4 hav\$3) with (OUI organiza\$10 near4 unique near3 identifi\$4) same (logical virtual) with (address\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:07 |

EAST Search History

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|----------|----|--|------------------------------|----|----|------------------|
| S15 2 | 2 | 370/397,399,409,395.54.ccls. and (mac media near3 access near4 control) with (includ\$3 indicat\$4 hav\$3) with(OUI organiza\$10 near4 unique near3 identifi\$4) and (logical virtual) with (address\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:07 |
| S15 3 | 2 | 370/397,399,389,392,409,395.54. ccls. and (mac media near3 access near4 control) with (includ\$3 indicat\$4 hav\$3) with(OUI organiza\$10 near4 unique near3 identifi\$4) and (logical virtual) with (address\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:09 |
| S15 4 | 8 | 370/397,399,389,392,409,395.54. ccls. and (local\$5 regional\$5) with (manag\$6 administe\$7) with (mac media near3 access near3 control) with (address\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:50 |
| S15 5 | 14 | ("4823338" "5331634" "5390173" "5394402" "5742604" "5946313" "5958018" "6023563" "6101552" "6151324" "6208649" "6216166" "6625124" "6735198").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/08 14:31 |
| S15 6 | 0 | 370/397,399,389,392,409,395.54. ccls. and (local\$5 regional\$5) with (manag\$6 administe\$7) same (mac media near3 access near3 control) with (address\$3) same (node with unit\$unique) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:51 |
| S15 7 | 0 | 370/397,399,389,392,409,395.54. ccls. and (local\$5 regional\$5) with (manag\$6 administe\$7) same (mac media near3 access near3 control) with (address\$3) and(node with unit\$unique) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:51 |
| S15 8 | 0 | 370/397,399,389,392,409,395.54. ccls. and (local\$5 regional\$5) with (manag\$6 administe\$7) same (mac media near3 access near3 control) with (address\$3) with node near(id identificat\$3 index\$3 number\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:52 |

EAST Search History

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|----------|-----|--|--------------------|----|----|------------------|
| S15 9 | 0 | 370/397,399,389,392,409,395.54. ccls. and (local\$5 regional\$5) with (manag\$6 administe\$7) same (mac media near3 access near3 control) with (address\$3)with node near7(id identificat\$3 index\$3 number\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:52 |
| S16 0 | 0 | 370/397,399,389,392,409,395.54. ccls. and (local\$5 regional\$5) with (manag\$6 administe\$7) same (mac media near3 access near3 control) with (address\$3)same node near7(id identificat\$3 index\$3 number\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:52 |
| S16 1 | 5 | 370/397,399,389,392,409,395.54. ccls. and (local\$5 regional\$5) with (manag\$6 administe\$7) same (mac media near3 access near3 control) with (address\$3)and node near7(id identificat\$3 index\$3 number\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:54 |
| S16 2 | 37 | 370/397,399,389,392,409,395.54. ccls. and (mac media near3 access near3 control) with (address\$3)with node near7(id identificat\$3 index\$3 number\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:59 |
| S16 4 | 988 | 370/397,399,389,392,409,395.54. ccls. and (mac media near3 access near3 control) with (address\$3)with (includ\$3 compris\$3 hav\$3 indicat\$3) withnode near7(id identificat\$3 index\$3 number\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 15:00 |
| S16 5 | 12 | 370/397,399,389,392,409,395.54. ccls. and (mac media near3 access near3 control) with (address\$3)with (includ\$3 compris\$3 hav\$3 indicat\$3) with node near7(id identificat\$3 index\$3 number\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 15:06 |
| S16 6 | 0 | (local\$7) with (administ\$8 mang\$8) with (MAC media near4 access near4 control) with (node swtich\$3 router\$3 terminal\$3) with (OUI organiza\$10 near4 unique\$3 near4 identi\$4) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 15:08 |

EAST Search History

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|----------|----|--|--|----|-----|------------------|
| S16 7 | 0 | (local\$7) with (administ\$8 mang\$8) with (MAC media near4 access near4 control) with (node swtich\$3 router\$3 terminal\$3) same (OUI organiza\$10 near4 unique\$3 near4 identi\$4) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 15:14 |
| S16 8 | 0 | (local\$7) with (administ\$8 manag\$8) with (MAC media near4 access near4 control) and (node swtich\$3 router\$3 terminal\$3) same (OUI organiza\$10 near4 unique\$3 near4 identi\$4) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 15:15 |
| S16 9 | 5 | (local\$7) with (administ\$8 manag\$8) same (address\$3) and (node swtich\$3 router\$3 terminal\$3) same (OUI organiza\$10 near4 unique\$3 near4 identi\$4) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 15:17 |
| S17 0 | 1 | (assign\$5 attach\$6 attribu\$7 giv\$3) with (OUI) same (defin\$3 assign\$7) with (domain) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 15:55 |
| S17 1 | 1 | ("20070133542").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/08 15:49 |
| S17 2 | 0 | ("2007/0133542").URPN. | USPAT | OR | ON | 2007/08/08 15:52 |
| S17 3 | 60 | (local\$4) with (administe\$7) with (mac with address\$4) | US-PGPUB; USPAT | OR | ON | 2007/08/08 15:56 |
| S17 4 | 4 | ((local\$4) with (administe\$7) with (mac with address\$4)).ab. | US-PGPUB; USPAT | OR | ON | 2007/08/08 15:56 |
| S17 5 | 7 | 10/131782 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/09 09:38 |
| S17 6 | 4 | "10131782" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/09 09:38 |

EAST Search History

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|----------|-----|--|--|----|----|------------------|
| S17 7 | 7 | "10/131789" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/09 09:41 |
| S17 8 | 0 | "10131782" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 09:41 |
| S17 9 | 7 | "10/131782" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 09:43 |
| S18 0 | 2 | "20020156612" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 09:45 |
| S18 1 | 1 | "20020010750" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 09:46 |
| S18 2 | 0 | (uniq\$7 single) with(local\$4) with (mac medi\$4 near3 access near3 control)with (address\$3) same (several plural\$7 many) with (node station) and @ad< "20030121" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 09:50 |
| S18 3 | 1 | (uniq\$7 single) same(local\$4) with (mac medi\$4 near3 access near3 control)with (address\$3) same (several plural\$7 many) with (node station) and @ad< "20030121" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 09:51 |
| S18 4 | 110 | (uniq\$7 single)with(local\$4) with (mac medi\$4 near3 access near3 control)with (address\$3) and @ad< "20030121" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 09:51 |
| S18 5 | 15 | (virtual\$5 logic\$5)same(uniq\$7 single)with(local\$4) with (mac medi\$4 near3 access near3 control)with (address\$3) and @ad< "20030121" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 10:03 |
| S18 6 | 4 | ("5088090" "5151897" "5790541" "5933412").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 10:01 |
| S18 7 | 6 | (virtual\$5 logic\$5)same(uniq\$7 single)with(local\$4) with (mac medi\$4 near3 access near3 control)with (address\$3) same (node domain network) near3(indicat\$5 index\$3 address\$3 tag) and @ad< "20030121" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 10:04 |

EAST Search History

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|----------|----|--|--------------------|----|----|------------------|
| S18 8 | 0 | ("2003/0039260").URPN. | USPAT | OR | ON | 2007/08/09 10:28 |
| S18 9 | 1 | (map\$5) with (logical\$3 virtual\$3) with address\$3 with (mac medi\$3 near4 access near4 control)same (includ\$3 index\$3 indicat\$3 hav\$3) with (node near4 (id index address\$3 identificat\$5)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 10:52 |
| S19 0 | 17 | (logical\$3 virtual\$3) with address\$3 with (mac medi\$3 near4 access near4 control)same (includ\$3 index\$3 indicat\$3 hav\$3) with (node near4 (id index address\$3 identificat\$5)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 11:09 |
| S19 1 | 7 | (logical\$3 virtual\$3) with address\$3 with (domain id identificat\$3 index) with node same (mac medi\$3 near4 access near4 control) with address\$3 and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 11:10 |
| S19 2 | 21 | (logical\$3 virtual\$4) near7 (MAC near3 address)same (includ\$3 contain\$3 hav\$3) with(node)with (id identificat\$3 address indicat\$3 index\$2 domain) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 13:27 |
| S19 3 | 32 | (logical\$3 virtual\$4) with (MAC near3 address)same (includ\$3 contain\$3 hav\$3) with(node)with (id identificat\$3 address indicat\$3 index\$2 domain) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 11:53 |
| S19 4 | 11 | S193 not S192 | US-PGPUB; USPAT | OR | ON | 2007/08/09 11:53 |
| S19 5 | 1 | (logical\$3 virtual\$4) near7 (MAC near3 address)and (OUI organization\$7 near4 uniq\$4 near4 identif\$5) and node with(id identificat\$3 index\$3 address\$3 domain)and (unique with MAC) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 13:32 |
| S19 6 | 7 | (logical\$3 virtual\$4) near7 (MAC near3 address)and (OUI organization\$7 near4 uniq\$4 near4 identif\$5) and node with(id identificat\$3 index\$3 address\$3 domain)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 14:15 |

EAST Search History

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|----------|-----|---|------------------------------|----|----|------------------|
| S19 7 | 4 | 08/941,735 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 13:56 |
| S19 8 | 1 | 10/756969 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 14:05 |
| S19 9 | 2 | "20030130833" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 14:15 |
| S20 0 | 295 | (logical\$3 virtual\$4) near7 (MAC near3 address)and (user station pc device UE) with (id identif\$7 index address\$3) with (node domain network)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 14:17 |
| S20 1 | 103 | (logical\$3 virtual\$4) near7 (MAC near3 address)same (user station pc device UE) with (id identif\$7 index address\$3) with (node domain network)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 14:17 |
| S20 2 | 62 | (logical\$3 virtual\$4) near7 (MAC near3 address)with (user station pc device UE) with (id identif\$7 index address\$3) with (node domain network)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 14:27 |
| S20 3 | 18 | (logical\$3 virtual\$4) near7 (MAC near3 address)with (indicat\$3 defin\$5 point\$4)with (user station pc device UE) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 14:29 |
| S20 4 | 6 | S203 not S202 | US-PGPUB; USPAT | OR | ON | 2007/08/09 15:02 |
| S20 5 | 0 | ((administrat\$7 manag\$6) with (local\$6) with (mac media near3 access near4 control)with address\$3).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 15:04 |
| S20 6 | 25 | ((local\$6) with (mac media near3 access near4 control)with address\$3).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 15:04 |
| S20 7 | 16 | ((local\$6) near7 (mac media near3 access near4 control)with address\$3).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 15:27 |

EAST Search History

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|----------|----|--|--------------------|----|----|------------------|
| S20 8 | 1 | ((local\$6) near7 (mac media near3 access near4 control)with address\$3)same (PVC permanent near4 virtual near4 circuit) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 15:29 |
| S20 9 | 7 | ((local\$6) with(mac media near3 access near4 control)with address\$3)same (PVC permanent near4 virtual near4 circuit) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 15:31 |
| S21 0 | 46 | ((mac media near3 access near4 control)with address\$3)same (PVC permanent near4 virtual near4 circuit) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 15:31 |
| S21 1 | 39 | S210 not S209 | US-PGPUB; USPAT | OR | ON | 2007/08/09 15:31 |
| S21 2 | 30 | (MAC (media near4 access near4 control))with ((first MSB) with octet) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 16:24 |
| S21 3 | 1 | (node staion terminal) with (different\$5 distinct\$5 unrelat\$4) with (OUI organizat\$7 near4 uniq\$5 near4 identif\$5) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 16:27 |
| S21 4 | 4 | (node station terminal) with (different\$5 distinct\$5 unrelat\$4) same(OUI organizat\$7 near4 uniq\$5 near4 identif\$5) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/09 16:28 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------|------------------|---------|------------------|
| S1 | 0 | ("(mapp\$3)with(virtual)with(interface MACNIC)and@ad<"20030121").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/02 14:32 |
| S2 | 405 | (mapp\$3)with(virtual) with(interface MAC NIC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 14:34 |
| S3 | 137 | "370".clas. and (mapp\$3)with(virtual) with(interface MAC NIC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 14:50 |
| S4 | 35 | "370".clas. and (mapp\$3 with virtual with MAC) same ((real physical) wit MAC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 14:53 |
| S5 | 1 | "370".clas. and (mapp\$3 with virtual with MAC) same ((real physical) near6 MAC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 14:54 |
| S6 | 1 | 10/756969 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/02 14:55 |
| S7 | 3 | ("2004/0141468").URPN. | USPAT | OR | ON | 2007/07/02 14:55 |

EAST Search History

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|----|-----|--|
| S8 | 112 | ("20020010750" "20020042693" "20020049845" "20020055978" "20020059392" "20020065872" "20020103943" "20020116460" "20020126680" "20020156612" "20020188657" "20020188711" "20020194428" "20030005068" "20030014462" "20030018813" "20030018927" "20030058870" "20030084209" "20030097607" "20030182455" "20030208579" "20030210686" "20040024778" "20040064553" "20040141468" "20040233910" "20050055418" "20050063313" "20050268151" "4495617" "5390326" "5461608" "5473599" "5535395" "5544077" "5579491" "5600828" "5666486" "5732206" "5812821" "5870571" "5909544" "5951683" "5991813" "5996024" "5996027" "6006259" "6009476" "6018765" "6041381" "6078957" "6108300" "6108699" "6131119" "6134673" "6145019" "6163855" "6178445" "6185620" "6195687" "6195760" "6209023" "6219771" "6268924" "6269396" "6314526" "6343320" "6363416" "6378025" "6393583" "6400730" "6449652" "6470382" "6470397" "6473803" "6480901" "6484245" "6574755" "6591310" "6597956" "6640278" "6654830" "6658459" "6678721" "6683883" "6691244" "6697924" "6701449" "6718361" "6721907" "6724757" "6748550" "6757291" "6760783" "6763195" "6763419" "6771663" "6771673" "6799316" "6807581" "6823418" "6839752" "6856591" "6859462" "6877044" "6886171" "6895461" "6920491" "6938092" "6944785" "7043727").PN. S9 31 virtual\$4 with (MAC near3 address)with (mapp\$3) and @ad<"20030121" US-PGPUB; USPAT OR ON 2007/07/02 15:05 S10 21 virtual\$4 near7 (MAC near3 address)near7(mapp\$3) and @ad<"20030121" US-PGPUB; USPAT OR ON 2007/07/02 15:16 |
|----|-----|--|

EAST Search History

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|-----|---------|---|--------------------|----|----|------------------|
| S11 | 0 | S10 not S9 | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:06 |
| S12 | 4105060 | (virtual\$4 near7 MAC)same (MAC near4 domain) with (local\$5 near4 address) with (user near6 (identification identify\$4)) @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:18 |
| S13 | 0 | (virtual\$4 near7 MAC)same (MAC near4 domain) with (local\$5 near4 address) with (user near6 (identification identify\$4)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:18 |
| S14 | 5065 | (virtual\$4 near7 MAC)same (MAC near4 domain) sme (local\$5 near4 address)same (user near6 (identification identify\$4)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:19 |
| S15 | 0 | (virtual\$4 near7 MAC)same (MAC near4 domain) same (local\$5 near4 address)same (user near6 (identification identify\$4)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:19 |
| S16 | 560 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:25 |
| S17 | 0 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same (virtual\$3 near4 MAC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:38 |
| S18 | 0 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same (logic\$5 near4 MAC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:21 |
| S19 | 24 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same (MAC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 17:32 |
| S20 | 150 | (MAC) with (mapp\$3) with (function) | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:29 |
| S21 | 759 | (MAC) near4 address near5 mapp\$3 | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:29 |
| S22 | 427 | (MAC) near4 address near5 mapp\$3 and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:30 |
| S23 | 263 | "370".clas. and (MAC) near4 address near5 mapp\$3 and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:30 |
| S24 | 3 | "370".clas. and ((MAC) near4 address near5 mapp\$3) same (PVC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:32 |
| S25 | 67 | (virtual logical) with MAC with configuration and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:35 |

EAST Search History

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|-----|-----|---|--------------------|----|----|------------------|
| S26 | 158 | unique with local\$4 with MAC | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:37 |
| S27 | 4 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same (address near7 domain)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:39 |
| S28 | 0 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same ((logical virtual) near7 MAC)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:40 |
| S29 | 11 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same ((logical virtual) near7 MAC(media near3 access near4 control))and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 15:42 |
| S30 | 20 | (MAC (media near4 access near4 control))same ((first same second same third same fourth)with (portion part)) | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:03 |
| S31 | 88 | manag\$4 with local with (MAC (media near2 access near3 control)) | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:04 |
| S32 | 24 | manag\$4 near7 local near7(MAC (media near2 access near3 control)) | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:05 |
| S33 | 154 | (partition\$4 divid\$3) near7 (local logical) near7 (MAC (media near3 access near3 control)) | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:06 |
| S34 | 110 | (partition\$4 divid\$3) near7 (local logical) near7 (MAC (media near3 access near3 control))and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:13 |
| S35 | 1 | "20070133542" | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:13 |
| S36 | 0 | ("2007/0133542").URPN. | USPAT | OR | ON | 2007/07/02 16:15 |
| S37 | 8 | (portion part) same ((indicat\$3 show\$3) with (MAC near3 address)) same (domain local) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:18 |
| S38 | 28 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) and (local with MAC) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:26 |
| S39 | 4 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) and (map\$4 with MAC) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:52 |
| S40 | 1 | "20040141468" | US-PGPUB; USPAT | OR | ON | 2007/07/02 16:53 |
| S41 | 3 | ("2004/0141468").URPN. | USPAT | OR | ON | 2007/07/02 17:00 |

EAST Search History

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|-----|-----|---|--|----|----|------------------|
| S42 | 29 | (universal\$4 with local\$4) with (MAC (media near4 access near4 control)) with address | US-PGPUB; USPAT | OR | ON | 2007/07/02 17:01 |
| S43 | 0 | ("2006/0072584").URPN. | USPAT | OR | ON | 2007/07/02 17:09 |
| S44 | 0 | ("2006/0072584").URPN. | USPAT | OR | ON | 2007/07/02 17:11 |
| S45 | 0 | "20050135625" | USPAT | OR | ON | 2007/07/02 17:11 |
| S46 | 1 | "20050135625" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/02 17:11 |
| S47 | 0 | ("2005/0135625").URPN. | USPAT | OR | ON | 2007/07/02 17:11 |
| S48 | 0 | "2004200812" | US-PGPUB; USPAT | OR | ON | 2007/07/02 17:12 |
| S49 | 1 | "2004200812" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/07/02 17:12 |
| S50 | 0 | ("2003/0039260").URPN. | USPAT | OR | ON | 2007/07/02 17:18 |
| S51 | 3 | (MAC (media near3 access near3 control)) with (first second third fourth) with (octet) with (local\$4) | USPAT | OR | ON | 2007/07/02 17:19 |
| S52 | 0 | (MAC (media near3 access near3 control)) same first same second same third same fourth same (octet) same (local\$4) | USPAT | OR | ON | 2007/07/02 17:20 |
| S53 | 0 | (MAC (media near3 access near3 control)) same (first and second and third and fourth) same (octet) same (local\$4) | USPAT | OR | ON | 2007/07/02 17:20 |
| S54 | 0 | (MAC (media near3 access near3 control)) same (first and second and third and fourth and octet) same (local\$4) | USPAT | OR | ON | 2007/07/02 17:21 |
| S55 | 159 | ((MAC (media near3 access near3 control)) same local\$4) and first and second and third and fourth and octet | USPAT | OR | ON | 2007/07/02 17:21 |
| S56 | 151 | ((MAC (media near3 access near3 control)) same local\$4) and first and second and third and fourth and octet and @ad<"20030121" | USPAT | OR | ON | 2007/07/02 17:22 |
| S57 | 116 | "370".clas. and ((MAC (media near3 access near3 control)) same local\$4) and first and second and third and fourth and octet and @ad<"20030121" | USPAT | OR | ON | 2007/07/02 17:23 |

EAST Search History

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|-----|------|--|------------------------------|----|----|------------------|
| S58 | 13 | "370".clas. and ((MAC (media near3 access near3 control)) same local\$4 same octet) and @ad<"20030121" | USPAT | OR | ON | 2007/07/02 17:26 |
| S59 | 22 | ((MAC (media near3 access near3 control)) same local\$4) same (PVC (permanent near4 virtual near4 circuit)) and @ad<"20030121" | USPAT | OR | ON | 2007/07/02 17:26 |
| S60 | 24 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same (MAC (media near3 access near3 control) with local\$4 with map\$4)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 17:35 |
| S61 | 0 | (prevent\$3 avoid\$3 stopp\$3) with (spoof\$3) same ((MAC (media near3 access near3 control)) with local\$4 with map\$4)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/02 17:35 |
| S62 | 1073 | ((MAC near3 address)(media near3 access near3 control)) with (configuration OUI domain vendor) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 08:11 |
| S63 | 500 | "370".clas. and ((MAC near3 address)(media near3 access near3 control)) with (configuration OUI domain vendor) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 08:13 |
| S64 | 761 | "370".clas. and ((MAC near3 address)(media near3 access near3 control)) with (map\$5 correspond\$5) and @ad<"20030121". | US-PGPUB; USPAT | OR | ON | 2007/07/03 08:26 |
| S65 | 19 | "370".clas. and (((MAC near3 address)(media near3 access near3 control)) with (clon\$3 spoof\$3 map\$4).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 08:42 |
| S66 | 2 | ("5590285" "6101616").PN. OR ("7152119").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/03 08:38 |
| S67 | 0 | "370".clas. and (((MAC near3 address)(media near3 access near3 control)) with (MSB with domain)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 08:43 |
| S68 | 0 | "370".clas. and (((MAC near3 address)(media near3 access near3 control)) same(MSB with domain)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 09:43 |

EAST Search History

| | | | | | | |
|-----|-------|---|-----------------|----|----|------------------|
| S69 | 14 | "370".clas. and (((MAC near3 address)(media near3 access near3 control)) same(first near3 octet)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 09:52 |
| S70 | 3 | "370".clas. and (((MAC near3 address)(media near3 access near3 control)) same((domain group) near3 octet)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 09:53 |
| S71 | 3 | "370".clas. and (((MAC near3 address)(media near3 access near3 control)) same((domain group) with first with octet)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 09:53 |
| S72 | 4 | (((MAC near3 address)(media near3 access near3 control)) same((domain group) with first with octet)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 09:55 |
| S73 | 19 | (((MAC near3 address)(media near3 access near3 control)) same(address with first with octet)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:00 |
| S74 | 7 | ((MAC near3 address)(media near3 access near3 control)) and (first near4 octet)and (second near4 octet)and (third near4 octet)and (fourth near4 octet) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:10 |
| S75 | 0 | ((MAC near3 address)(media near3 access near3 control)) and (MAC with first near4 octet)and (MAC with second near4 octet)and (MAC with third near4 octet)and (MAC with fourth near4 octet) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:11 |
| S76 | 0 | (MAC with first near4 octet)and (MAC with second near4 octet)and (MAC with third near4 octet)and (MAC with fourth near4 octet) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:44 |
| S77 | 8 | (virtual near7 address) with (spoof\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:46 |
| S78 | 4 | (virtual\$4 with (MAC (media near4 access near4 control)) with map\$4).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:56 |
| S79 | 5 | ("2003/0069993").URPN. | USPAT | OR | ON | 2007/07/03 10:53 |
| S80 | 45886 | (map\$4 with virtual\$4 with mac with address with mac address).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:57 |

EAST Search History

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|-----|----|--|------------------------------|----|----|------------------|
| S81 | 4 | (map\$4 with virtual\$4 with mac with address with mac with address).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 10:57 |
| S82 | 44 | ("4823338" "4975906" "5214646" "5280476" "5280481" "5315582" "5321693" "5321694" "5329527" "5329619" "5345558" "5390184" "5394402" "5408469" "5444702" "5483536" "5519704" "5548646" "5548723" "5550816" "5550818" "5566014" "5583865" "5600644" "5633869" "5659542" "5666487").PN. OR ("6188691").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/03 10:59 |
| S83 | 0 | ("2003/0039260").URPN. | USPAT | OR | ON | 2007/07/03 10:59 |
| S84 | 0 | ("7200610").URPN. | USPAT | OR | ON | 2007/07/03 10:59 |

EAST Search History

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|-----|-----|--|------------------------------|----|----|------------------|
| S85 | 112 | ("20020010750" "20020042693" "20020049845" "20020055978" "20020059392" "20020065872" "20020103943" "20020116460" "20020126680" "20020156612" "20020188657" "20020188711" "20020194428" "20030005068" "20030014462" "20030018813" "20030018927" "20030058870" "20030084209" "20030097607" "20030182455" "20030208579" "20030210686" "20040024778" "20040064553" "20040141468" "20040233910" "20050055418" "20050063313" "20050268151" "4495617" "5390326" "5461608" "5473599" "5535395" "5544077" "5579491" "5600828" "5666486" "5732206" "5812821" "5870571" "5909544" "5951683" "5991813" "5996024" "5996027" "6006259" "6009476" "6018765" "6041381" "6078957" "6108300" "6108699" "6131119" "6134673" "6145019" "6163855" "6178445" "6185620" "6195687" "6195760" "6209023" "6219771" "6268924" "6269396" "6314526" "6343320" "6363416" "6378025" "6393583" "6400730" "6449652" "6470382" "6470397" "6473803" "6480901" "6484245" "6574755" "6591310" "6597956" "6640278" "6654830" "6658459" "6678721" "6683883" "6691244" "6697924" "6701449" "6718361" "6721907" "6724757" "6748550" "6757291" "6760783" "6763195" "6763419" "6771663" "6771673" "6799316" "6807581" "6823418" "6839752" "6856591" "6859462" "6877044" "6886171" "6895461" "6920491" "6938092" "6944785" "7043727").PN. OR ("7200610").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/03 10:59 |
| S86 | 5 | (map\$4 with virtual with mac with address).ab. | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:01 |
| S87 | 2 | (virtual with mac with address) and (first with octet) and (second with octet) and (third with octet) | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:04 |

EAST Search History

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|-----|-----|--|--|------|----|------------------|
| S88 | 18 | (local\$3 with administ\$7) same (virtual with mac with address) | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:12 |
| S89 | 0 | mac with addres with structure | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:13 |
| S90 | 497 | mac with address with structure | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:13 |
| S91 | 244 | mac with address with structure and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:14 |
| S92 | 10 | (method with map\$4 with mac with address).ab. | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:17 |
| S93 | 0 | utilizing a first portion of the virtual MAC address to define a domain for the address utilizing a second portion of the virtual MAC address to indicate that the address is a locally administered address utilizing a third portion of the virtual MAC address to indicate a unit-specific use and utilizing a fourth portion of the virtual MAC address to indicate an organizationally assigned unit-unique MAC address | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/07/03 11:19 |
| S94 | 0 | utilizing a first portion of the virtual MAC address to define a domain for the address utilizing a second portion of the virtual MAC address to indicate that the address is a locally administered address utilizing a third portion of the virtual MAC address to indicate a unit-specific use and utilizing a fourth portion of the virtual MAC address to indicate an organizationally assigned unit-unique MAC address | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/07/03 11:19 |
| S95 | 0 | utilizing a first portion of the virtual MAC address to define a domain for the address | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/07/03 11:21 |
| S96 | 1 | (mac near3 address) with (indicat\$3) with (local\$4) with (organization\$4) | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:22 |
| S97 | 1 | (mac near3 address) with (local\$4) with (organization\$4)with (unit\$specific) | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:23 |

EAST Search History

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|------|------|---|--|----|----|------------------|
| S98 | 4 | (mac near3 address) with (local\$4) with (organization\$4) | US-PGPUB; USPAT | OR | ON | 2007/07/03 11:29 |
| S99 | 12 | MAPP\$3 with MAC with ADDRESS with LOCAL\$4 with VIRTUAL with ADDRESS | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/03 11:49 |
| S100 | 175 | (MAPP\$3 CONVERT\$3) with ip with mac with address with arp | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/03 11:55 |
| S101 | 186 | (MAPP\$3 CONVERT\$3 creat\$3) with (virtual\$3) with mac with address | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/03 11:56 |
| S102 | 186 | (MAPP\$3 CONVERT\$3 creat\$3) with (virtual\$3) with mac with address | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/03 11:59 |
| S103 | 122 | 370/395.54.cc1s. | US-PGPUB; USPAT | OR | ON | 2007/07/03 12:15 |
| S104 | 2 | (virtual\$4) with (increas\$3) with (mac) with address and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 12:18 |
| S105 | 216 | virtual\$3 near4 (mac near4 address)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:12 |
| S106 | 1322 | (virtual\$3 near4 address).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:13 |
| S107 | 21 | (virtual\$3 near4 mac near3 address).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:15 |
| S108 | 1 | (virtual\$3 near3 address)with (prevent\$3 avoid\$3) with (spoof\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:17 |
| S109 | 1 | (virtual\$3 near3 address)with (prevent\$3 avoid\$3)same (spoof\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:17 |
| S110 | 3 | bit near4 (pseudo\$mac (pseudo near3 mac)) near3 address | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:28 |

EAST Search History

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|----------|-----|---|--------------------|----|-----|------------------|
| S11 1 | 0 | (pseudo\$address (pseudo near3 address)) same (four near4 octet) same (loca\$5) | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:29 |
| S11 2 | 2 | (pseudo\$address (pseudo near3 address)) same (four near4 octet) | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:30 |
| S11 3 | 5 | (pseudo\$address ((virtual pseudo) near3 address)) same (four near4 octet) | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:32 |
| S11 4 | 1 | (pseudo\$address ((virtual pseudo) near3 address)) same mac same(four near4 octet) | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:36 |
| S11 5 | 1 | ("6505255").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/03 13:40 |
| S11 6 | 68 | original same virtual same (mac near3 address) | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:42 |
| S11 7 | 37 | original same virtual same (mac near3 address) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:47 |
| S11 8 | 0 | (mapp\$3) with (virtual\$3) with(mac near4 address) with (four near4 octet) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:48 |
| S11 9 | 0 | (mapp\$3) with (virtual\$3) with(address) with (four near4 octet) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:48 |
| S12 0 | 130 | (mac near4 address) with (six near4 (octet byte)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:59 |
| S12 1 | 2 | (mac near4 address) with (six near4 (octet byte)with local) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 13:59 |
| S12 2 | 30 | (administated administra\$5) with local\$4 with (mac near4 address) | US-PGPUB; USPAT | OR | ON | 2007/07/03 14:06 |
| S12 3 | 2 | (mac near4 address)with (us\$3 utiliz\$3) with (MSB) | US-PGPUB; USPAT | OR | ON | 2007/07/03 14:21 |
| S12 4 | 0 | ("2005/0174998").URPN. | USPAT | OR | ON | 2007/07/03 14:08 |
| S12 5 | 59 | (local\$4)with (administered administer\$4)with (mac near4 address) | US-PGPUB; USPAT | OR | ON | 2007/07/03 14:22 |
| S12 6 | 32 | (local\$4)with (administered administer\$4)with (mac near4 address)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 14:28 |

EAST Search History

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|----------|-----|--|------------------------------|----|----|------------------|
| S12 7 | 0 | (virtual\$4 near4 address) same ((indicat\$3 identify\$3 correspond\$3)with (domain group node block)) same (local\$4 with administer\$3)same (vendor manufacturer company) | US-PGPUB; USPAT | OR | ON | 2007/07/03 14:32 |
| S12 8 | 11 | (virtual\$4 near4 address) same ((indicat\$3 identify\$3 correspond\$3)with (domain group node block)) and (local\$4 with administer\$3)and (vendor manufacturer company) | US-PGPUB; USPAT | OR | ON | 2007/07/03 14:33 |
| S12 9 | 8 | (virtual\$4 near4 address) same ((indicat\$3 identify\$3 correspond\$3)with (domain group node block)) and (local\$4 with administer\$3)and (vendor manufacturer company)and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 16:29 |
| S13 0 | 5 | ("6971044").URPN. | USPAT | OR | ON | 2007/07/03 14:36 |
| S13 1 | 135 | (us\$3 utiliz\$3 manipulat\$3) with (mac near4 address) same(local\$4 unicast) same (identif\$4 defin\$3 separat\$3 divid\$3) same (node domain station) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 16:43 |
| S13 2 | 7 | (us\$3 utiliz\$3 manipulat\$3) with (mac near4 address) same(local\$4 unicast) same (first near4 (octet bits)) same (node domain station) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 16:46 |
| S13 3 | 8 | (us\$3 utiliz\$3 manipulat\$3) with (mac near4 address) with(first near4 (octet bits)) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/07/03 16:46 |
| S13 4 | 28 | ("4677611" "5070498" "5280475" "5390164" "5394389" "5396493" "5515363" "5537411" "5557611" "5583849" "5612959" "5636215" "5673262" "5684800" "5754528" "5774662" "5805820" "5838663" "5852606" "5892912" "5912891" "5978356").PN. OR ("6216166").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/03 17:08 |

EAST Search History

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|----------|---|--|--------------------|----|----|------------------|
| S13 5 | 0 | 370/397,399,409,395.54.ccls. and (map\$5 adapt\$4 corola\$7 corrola\$5 adjust\$4) with (virtual near3 address\$3) same (domain) same (loca\$5) and (manag\$7 administrat\$5) with (local\$4) with (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:14 |
| S13 6 | 0 | 370/397,399,409,395.54.ccls. and (map\$5 adapt\$4 corola\$7 corrola\$5 adjust\$4) same(virtual near3 address\$3) same (domain) same (loca\$5) and (manag\$7 administrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:15 |
| S13 7 | 0 | (map\$5 adapt\$4 corola\$7 corrola\$5 adjust\$4) same(virtual near3 address\$3) same (domain) same (loca\$5) and (manag\$7 administrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:14 |
| S13 8 | 1 | 370/397,399,409,395.54.ccls. and (map\$5 adapt\$4 corola\$7 corrola\$5 adjust\$4) same(virtual near3 address\$3) and (manag\$7 administrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:15 |
| S13 9 | 0 | 370/397,399,409,395.54.ccls. and (map\$5 adapt\$4 corola\$7 corrola\$5 adjust\$4) same((virtual logical)near3 address\$3) same (domain) same (loca\$5) and (manag\$7 administrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 13:58 |
| S14 0 | 0 | 370/397,399,409,395.54.ccls. and ((virtual logical)near3 address\$3) same (domain) same (loca\$5) and (manag\$7 administrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:16 |
| S14 1 | 3 | 370/397,399,409,395.54.ccls. and (map\$5 adapt\$4 corola\$7 corrola\$5 adjust\$4) same((virtual logical)near3 address\$3) and (manag\$7 administrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:35 |

EAST Search History

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|----------|-----|---|--------------------|----|----|------------------|
| S14 2 | 7 | 370/397,399,409,395.54.ccls. and (logic\$6 virtual\$5) with (MAC media near3 access near3 control) and (manag\$7 admistrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:23 |
| S14 3 | 18 | 370/397,399,409,395.54.ccls. and (map\$6 creat\$5 correlat\$5) with (logic\$6 virtual\$5) with (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:32 |
| S14 4 | 2 | 370/397,399,409,395.54.ccls. and (map\$6 creat\$5 correlat\$5) with (logic\$6 virtual\$5) with (address\$3) same (four fourth) with (portion slot entry section) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:34 |
| S14 5 | 308 | (map\$6 creat\$5 correlat\$5) with (logic\$6 virtual\$5) with (address\$3) and (manag\$7 admistrat\$5) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:35 |
| S14 6 | 49 | (map\$6 creat\$5 correlat\$5) with (logic\$6 virtual\$5) with (address\$3) and (manag\$7 admistrat\$5) same (local\$4) same (MAC media near3 access near3 control) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:53 |
| S14 7 | 17 | (simulat\$5) with (MAC media near3 access near3 control) with address\$3 and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 11:58 |
| S14 8 | 0 | ("2003/0167338").URPN. | USPAT | OR | ON | 2007/08/08 11:55 |
| S14 9 | 121 | ((simulat\$5 creat\$3) with (virtual logical) with address\$3).ab. and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 13:58 |
| S15 0 | 1 | 370/397,399,409,395.54.ccls. and (OUI organiza\$10 near4 unique near3 identifi\$4) same (logical virtual) with (address\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:05 |
| S15 1 | 0 | 370/397,399,409,395.54.ccls. and (mac media near3 access near4 control) with (includ\$3 indicat\$4 hav\$3) with (OUI organiza\$10 near4 unique near3 identifi\$4) same (logical virtual) with (address\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:07 |

EAST Search History

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|----------|----|--|------------------------------|----|----|------------------|
| S15 2 | 2 | 370/397,399,409,395.54.ccls. and (mac media near3 access near4 control) with (includ\$3 indicat\$4 hav\$3) with(OUI organiza\$10 near4 unique near3 identifi\$4) and (logical virtual) with (address\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:07 |
| S15 3 | 2 | 370/397,399,389,392,409,395.54. ccls. and (mac media near3 access near4 control) with (includ\$3 indicat\$4 hav\$3) with(OUI organiza\$10 near4 unique near3 identifi\$4) and (logical virtual) with (address\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:09 |
| S15 4 | 8 | 370/397,399,389,392,409,395.54. ccls. and (local\$5 regional\$5) with (manag\$6 administe\$7) with (mac media near3 access near3 control) with (address\$3) and @ad<"20030121" | US-PGPUB; USPAT | OR | ON | 2007/08/08 14:24 |
| S15 5 | 14 | ("4823338" "5331634" "5390173" "5394402" "5742604" "5946313" "5958018" "6023563" "6101552" "6151324" "6208649" "6216166" "6625124" "6735198").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/08 14:31 |